

# MD140 (Taneytown Pike) Monocacy River Bridge Replacement

## Project Construction Update

**February 1, 2013**



The project will use a cofferdam, a temporary watertight enclosure, to divert the Monocacy River around the work area during construction. (December 18, 2012)

Please drive carefully through the work zone and beyond:

- Watch for construction equipment and working crews.
- Observe new signs and flaggers during lane closures.
- Please watch for new traffic patterns.



Workers install reinforcing steel that will become part of the west abutment, or end support, of the new bridge (January 30, 2013).

Construction on this project began on July 23, 2012. Weather permitting, it will be complete fall 2013. While work is being completed on the new structure, the current bridge will remain in service to limit the impact to the traveling public.

### Current Progress:

1. Crews have installed erosion and sediment controls to protect the environment during construction.
2. Crews have cleared and graded an area south of MD 140 that will serve as a construction access road and eventually become part of the realigned MD 140.
3. Crews relocated a tower used by the U.S. Geological Survey to monitor stream flow. The tower was relocated to move it out of the way of the new bridge.
4. Crews have installed a retaining wall parallel to MD 140 on the east side of the Monocacy River. The wall will help protect the relocated roadway from the river.
5. Crews have been working on a cofferdam, a watertight enclosure that will be used to temporarily divert the Monocacy River around the work area during construction of the piers, or support columns, in the river.
6. Crews have driven the piles, or steel columns, which will anchor the west abutment, or end support, of the new bridge. Crews have also begun installing rebar, or steel rods which will reinforce the concrete for the abutment.
7. Utility crews have been relocating telephone and power lines.

### Upcoming Work:

1. Crews will continue construction of the cofferdam.
2. Crews will continue to tie rebar for the west abutment.
3. Crews will tie rebar in preparation for construction of the first pier. This will be done on land and transferred into the water after the stream diversion is complete and the pier footer is constructed.

On behalf of the Maryland State Highway Administration, I would like to thank you for your cooperation and patience.

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